

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A cyclone assembly comprising: a cyclone chamber, formed by and within an outer cyclone liner, wherein the outer cyclone liner has an overflow outlet for fluids at an upper end and a discharge outlet for solids at a lower end; an inner cyclone liner adapted to be received within the cyclone chamber, wherein the inner cyclone liner has an overflow outlet for fluids at an upper end and a discharge outlet for solids at a lower end, and wherein the inner cyclone liner is oriented in the same direction as the outer cyclone liner; and displacement means for displacing the inner cyclone liner relative to the cyclone chamber between an operative position and an inoperative position, wherein a housing is configured to receive the cyclone chamber and the inner cyclone liner in both the operative and the inoperative positions.

2. (canceled)

3. (currently amended): A cyclone assembly as claimed in claim 21 in which the inner cyclone liner is adapted to be displaced along a longitudinal axis of the outer cyclone liner between the operative position and inoperative position.

4. (original): A cyclone assembly as claimed in claim 3 in which a seal is provided at a lower end of the inner cyclone liner, which seals between the inner and outer cyclone liners when the inner cyclone liner is in the operative position.

5. (currently amended): A cyclone assembly as claimed in claim 1 in which the inner cyclone liner has an inlet ~~let into~~ in its periphery.

6. (currently amended): A cyclone assembly as claimed in claim ~~2~~1 in which the outer cyclone liner has an inlet ~~let into~~ in its periphery.

7-8. (canceled)

9. (currently amended): A cyclone assembly as claimed in claim ~~8~~1 in which the inner cyclone liner is able to pass through the overflow outlet of the outer cyclone liner.

10. (canceled)

11. (currently amended): A cyclone separator as claimed in claim ~~40~~1 in which the housing has an inflow chamber, an overflow chamber and a discharge chamber.

12. (canceled)

13. (previously amended): A cyclone separator as claimed in claim 11 in which the cyclone chamber is substantially contained in the inflow chamber.

14. (previously amended): A cyclone separator as claimed in claim 11 in which the inner cyclone liner can be positioned concentrically within the cyclone chamber in the operative position, or displaced axially to the inoperative position within the overflow chamber.

15. (currently amended): A cyclone separator as claimed in claim ~~40~~1 in which actuation of the displacement means is automatic, and is triggered when a

predetermined pressure differential is detected between an inflow and outflow of the separator.

16. (currently amended): A cyclone separator as claimed in claim ~~40~~1 in which the displacement means is a threaded spindle.

17. (previously amended): A cyclone separator as claimed in claim 11 in which the displacement means is a threaded spindle and a hand wheel is provided for actuation of the threaded spindle by rotation.

18. (currently amended): A cyclone separator as claimed in claim ~~40~~1 in which the displacement means is powered by a device selected from the group consisting of a hydraulic or pneumatic actuator, an electric actuator, and springs.

19-21. (canceled)

22. (previously amended): A cyclone separator as claimed in claim 11 in which a fluidising unit is connected to the discharge chamber.

23. (currently amended): A cyclone separator as claimed in claim ~~40~~1 in which a heating device is provided on the separator, the heating device selected from the group consisting of a heated jacket around the separator and heat tracing.

24-28. (canceled)

29. (currently amended): A cyclone separator as claimed in claim ~~40~~1 in which the cyclone separator is positioned on and adapted to be operated on a seabed and arranged to remove solids from a fluid flow prior to a process or separation system.

30-33. (canceled)

34. (currently amended): A method of increasing the flow capacity of a cyclone separator during use, comprising withdrawing an inner cyclone liner from an operative position within a cyclone chamber to an inoperative position axially spaced from the cyclone chamber, wherein the cyclone chamber is formed by an outer cyclone liner, and wherein the outer cyclone liner and the inner cyclone liner are disposed within a housing configured to contain the inner cyclone liner and the outer cyclone liner when the inner cyclone liner is in the inoperative position.

35. (original): A method as claimed in claim 34 in which the pressure between an inlet and an outlet of the cyclone separator reduces as the flow capacity increases.

36. (currently amended): A method of reducing the flow capacity of a cyclone separator during use, comprising inserting an inner cyclone liner to an operative position within an outer cyclone liner from an inoperative position axially spaced from the outer cyclone liner, thereby making the inner cyclone liner, which has a smaller internal diameter than the outer cyclone liner, the operative liner of the cyclone separator, wherein the outer cyclone liner and the inner cyclone liner are disposed within a housing configured to contain the inner cyclone line and the outer cyclone liner when the inner cyclone liner is in the inoperative position.

37. (original): A method as claimed in claim 36 in which the pressure between an inlet and an outlet of the cyclone separator increases as the flow capacity reduces.